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Dated: May 11, 2004

Signature: 

(DeAnn F. Smith)

Docket No.: UMV-1584  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Re Patent Application of:  
Randal J. Kaufman *et al.*

Application No.: 09/357273

Art Unit: 1647

Filed: July 20, 1999

Examiner: Hayes, Robert Clinton

For: IRE1P, NOVEL MAMMALIAN PROTEIN,  
AND GENE ENCODING SAME

**AMENDMENT AFTER FINAL ACTION (37 C.F.R. SECTION 1.116)**

MS AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

In response to the Office Action dated January 14, 2004, finally rejecting claims 7 and 11-16, please amend the above-identified U.S. patent application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 4 of this paper.

*PKH 6/28/04*  
*Do Not*  
*enter*  
*claims*